

Application Serial No. 10/594,466  
Reply to office action of December 31, 2008

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PATENT  
Docket: CU-5130

**Amendments To The Specification**

Please add the following new paragraph to the specification starting with line 3 of the specification page 1, immediately following the title of the present invention:

**CROSS-REFERENCES TO RELATED PATENT APPLICATIONS**

The present application claims priority under 35 U.S.C. 119(a) to Korean application number 10-2004-0022643, filed on April 1, 2004, and Korean application number 10-2004-0064329, filed on August 16, 2004, in the Korean Patent Office, both of which are incorporated herein by reference in their entirety as if set forth in full.

Please replace the paragraph starting with line 13 of the specification page 1, with the following amended paragraph:

The standard of the Advanced Television System Committee (ATSC) suggests to use a signal obtained by modulating 12 independent data streams, which are trellis encoded and time-multiplexed, into 10.76 MHz-rate 8-level Vestigial Side Band (VSB) to transmit High Definition Television (HDTV) broadcasting through a terrestrial broadcasting channel. The frequency band of the signal is transformed into a frequency band of 6MHz which corresponds to a standard Very High Frequency (VHF) or Ultrahigh Frequency (UHF) terrestrial television channel. Signals of the corresponding channel are broadcasted at a data rate of 19.39Mbps per second. Detailed technology on the ATSC DTV standards and A/53 are readily available through the ATSC. [[at <http://www.atsc.org/>]]